

A third recent addition to our knowledge of the Hawaiian avifauna has been made by the naturalists of the 'Challenger' Expedition, which visited Owhyhee in August 1875, and during their short stay obtained examples of thirteen species of birds*. Most of these were already well known; but one of them (*Anas wyvilliana*) proved to be new to science, and a second an example of the little-known *Buteo solitarius* of Peale, which, through some strange misconception, was referred by Cassin to the genus *Pandion*.

Intercalating these additions into the list, we find that the Hawaiian avifauna, according to our present state of information, may be held to embrace about forty-four species, whereof the following twenty-three are peculiar to the Hawaiian group, namely:—

a. PASSERES.

Chasiempis sandvicensis.	Drepanis flava.
Phæornis obscura.	Hemignathus olivaceus.
Mohoa nobilis.	—— obscurus.
—— braccata.	—— lucidus.
—— apicalis.	Loxops coccinea.
Chæoptila angustipluma.	Loxioides bailleni.
Drepanis pacifica.	Psittirostra psittacea.
—— coccinea.	Corvus hawaiiensis.
—— sanguinea.	

b. ACCIPITRES.

Buteo solitarius.

c. ANSERES.

<i>Bernicla sandvicensis</i> .	<i>Anas wyvilliana</i> .
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d. FULICARIÆ.

<i>Fulica alai</i> .	<i>Porzana obscura</i> .
<i>Gallinula sandvicensis</i> .	

VIII.—*Notices of recent Ornithological Publications.*

1. 'Bulletin' of the Nuttall Ornithological Club.

[Vol. iii. no. 4, October 1878. Cambridge, Mass.]

Our American contemporary continues to prosper, we are

* See P. Z. S. 1878, p. 346.

pleased to see, and, moreover, appears with most commendable regularity, vol. iii. for last year being now complete. Amongst many interesting papers in the last number, Mr. H. A. Purdie describes the nest and eggs of *Empidonax flaviventris*, and Mr. Osborne continues a note on the same subject; Dr. Elliot Coues gives a "useful hint to egg-collectors;" and the capture of a *fifth* specimen of that *rara avis*, *Helminthophaga leucobronchialis*, is announced.

2. 'Bulletin' of the Zoological Society of France.

[Bulletin de la Société Zoologique de France pour l'année 1877. 2^e vol. Paris, 1877.]

The Bulletin of the Zoological Society of France for 1877, which is now complete, contains several important ornithological papers, besides those which we have already noticed from separate copies, namely:—

(1) Barboza du Bocage (J. V.), "Note sur les races géographiques, ou espèces de *Bucorax*" (p. 373).

The three forms *B. abyssinicus*, *B. guineensis*, and *B. caffer* are accurately distinguished; and Mr. Elliot's lately described *B. pyrrhops* (Ann. N. H. ser. 4, xx. p. 171) is referred to the adult of *B. guineensis*.

(2) Bouvier (A.), "Le Barbican à ventre rose, *Pogonorrhynchus Le Vaillantii*" (p. 76).

The supposed new *P. eogaster*, Cab. J. f. O. 1876, p. 92, is shown to be = *P. levaillanti*, Leach (*Barbican à ventre rose* of Lev.), a species confounded by all modern authors with *P. bidentatus*.

(3) Bouvier (A.), "Faune ornithologique de Kessang, presque île de Malacca, 1^{re} liste" (p. 292).

Gives a list of 31 species, of which specimens have been collected at Kessang (between Malacca and Mount Ophir) by M. Rolland.

(4) Bouvier (A.), "Sur une collection ornithologique de l'Uganda, royaume de M^{te} Tesa, Afrique centrale (1^{er} article)," (p. 437).

Contains a list of birds obtained by M. Piaggia in Uganda (the kingdom of Mesa). Of 34 species, one, *Turdus piaggia*, allied to *T. gurneyi* and *T. crossleyi*, is described as new.

(5) Lacroix (Ad.), "Le Pic de Sharpe dans le département de la Haute-Garonne" (p. 486).

Records the occurrence of the Spanish form *Gecinus sharpii* near Saint-Martory, Haute-Garonne.

(6) Sharpe (R. B.) et Bouvier (A.), "Études d'ornithologie africaine. Nouvelle liste d'oiseaux recueillis dans la région du Congo, par MM. le D^r Lucan et L. Petit, de septembre 1876 à septembre 1877 (suite)" (p. 470).

Fifty species are enumerated in this first portion of the list. *Lophotriorchis lucani*, described as new, is allied to *L. kieneri* of India. Other rarities obtained are a (second) specimen of *Scotopelia bouvieri*, Sharpe, *Cypselus toulsoni*, Boeage, and *Erythrocerus maccalli*, Cassin.

3. Godwin-Austen, *Birds from the Hill Ranges of the North-east Frontier of India.*

[Sixth List of Birds from the Hill Ranges of the North-east Frontier of India. By Lieut.-Colonel H. H. Godwin-Austen. J. A. S. B. xlvii. pt. ii. p. 12 (1878).]

This list gives the results of two seasons' collecting in the Naga hills by two officers of the Topographical Survey, Mr. A. W. Chennell and Mr. M. T. Ogle, and raises the total number of species obtained during this survey of the North-east Frontier to 585. *Abrornis flavigularis*, from Sadiya, is described as new. Figures are given of *Garrulax nuchalis*, of the Naga hills (pl. x.), and of *Actinura oglei* (pl. xi.), from near Sadiya, both recently described by Col. Godwin-Austen.

4. Gould's 'Birds of New Guinea.'

[The Birds of New Guinea and adjacent Papuan Islands, including any new Species that may be discovered in Australia. By John Gould, F.R.S. &c. Parts vi., vii., viii. Folio. London, 1878. Published by the Author, 26 Charlotte Street, Bedford Square, W.C.]

In spite of severe ill health, Mr. Gould continues his great work on the birds of New Guinea. The three parts issued last year contain figures of the following species:—

Part VI.

Tanysiptera nympha.
Artamus maximus.

Artamus insignis.
—— monachus.

Lophorhina superba.	Nasiterna bruijii.
Xanthomelus aureus.	—— beccarii.
Nasiterna pygmæa.	—— pusio.
—— maforensis	—— keiensis.
—— misoriensis.	

Part VII.

Tanysiptera nigriceps.	Phlogœnas jobiensis.
Epimachus speciosus.	—— johannæ.
Paradigalla carunculata.	Orthonyx novæ-guinææ.
Pitta cæruleitorques.	Cyclopsitta suavisissima.
—— maforensis.	—— melanogenys.
—— celebensis.	Dicæum eximium.
—— rubrinucha.	

Part VIII.

Dicranostreptus megarhynchus.	Cinnyris mysorensis.
Œdirhinus insolitus.	—— sangirensis.
Astrapia nigra.	Todopsis cyanocephala.
Eclectus polychlorus.	—— bonapartii.
Geoffroyius heteroclitus.	—— wallacii
Cinnyris maforensis.	—— grayi.

Amongst the many rarities illustrated in these numbers we may call special attention to the beautiful figures of *Paradigalla carunculata*, of which, until quite recently, two imperfect specimens only were known, to the novelties discovered by Mr. Brown, *Tanysiptera nigriceps* and *Phlogœnas johannæ*, and to the series of *Nasiternæ* from different islands.

(5) *Grandidier on a new Owl.*

[Note sur un nouveau Strigidé de Madagascar, par M. Alfred Grandidier. Bull. Soc. Philomath. de Paris, sér. 7, ii. p. 65.]

Describes *Phodilus soumagnei* (= *Heliodilus soumagnei*, A. Milne-Edwards. See Ibis, 1878, p. 196.

6. *Layard on New Birds from Lifu.*

[Descriptions of new Species of Birds from the Island of Lifu, New Caledonia. By E. L. Layard, C.M.G., H.B.M. Consul, Noumea, New Caledonia. Ann. & Mag. Nat. Hist. ser. 5, i. p. 374.]

The species described are *Turdus pritzbueri*, *Pachycephala littayei*, *Zosterops minuta*, *Z. inornata*, and *Erythrura cyanofrons*.

7. *Legge on a new Scops Owl.*

[Description of a new Scops Owl from Ceylon. By Captain W. V. Legge, R.A. Ann. & Mag. Nat. Hist. ser. 5, i. p. 174.]

The species described is *Scops minutus*, distinguished by its small size and dark colour from all other Indian *Scopes*. The type is in the British Museum.

8. *Masters on Birds from Port Darwin.*

[Notes on a Collection of Birds from Port Darwin. By George Masters. *Ibid.* p. 269.]

The collection, formed by Mr. Spalding in the months from May to September 1877, contained examples of 106 species. One is described as new, *Cracticus spaldingi*, allied to *C. quoyi*, but with larger bill and tarsi, and of a rusty-brown hue.

9. *Meyer on a Cassowary from New Guinea.*

[Ueber einen Papuanischen Kasuar im Dresdner Museum. Von A. B. Meyer. Journ. f. Orn. 1878, p. 199.]

Dr. Meyer gives a description of an adult Cassowary in the Dresden Museum, obtained through a dealer. It must be either *C. papuanus*, Rosenb., or *C. westermanni*, Sclater; but it is doubtful whether these supposed species are distinct. The following list of the twelve described species of *Casuarus* is added.

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| 1. <i>C. galeatus</i> , ex Ceram. | 7. <i>C. uniappendiculatus</i> , ex Pap. occ. |
| 2. <i>C. salvadorii</i> , ex Papua. | 8. <i>C. occipitalis</i> , ex Jobi. |
| 3. <i>C. beccarii</i> , ex inss. Aroens. | 9. <i>C. papuanus</i> , ex Papua med. |
| 4. <i>C. australis</i> , ex Austr. bor. | 10. <i>C. westermanni</i> , ex Papua med. |
| 5. <i>C. bicarunculatus</i> , ex inss. Aroens. | 11. <i>C. picticollis</i> , ex Papua occident. |
| 6. <i>C. tricarunculatus</i> , ex Papua. | 12. <i>C. bennetti</i> , ex Nov. Brit. |

Of these we believe that Nos. 2 and 3 are probably the same species, as likewise Nos. 9 and 10, and that there are only ten species of Cassowary really distinguishable, the recently described *C. edwardsi*, Oust. (P. Z. S. 1878, p. 389), being apparently the adult of *C. papuanus*.

10. *Nares and Feilden's Voyage to the Polar Sea.*

[Narrative of a Voyage to the Polar Sea during 1875-76 in H.M. Ships 'Alert' and 'Discovery.' By Capt. Sir G. S. Nares, R.N., K.C.B., F.R.S., Commander of the Expedition. With Notes on the Natural History, edited by H. W. Feilden, F.G.S., C.M.Z.S., F.R.G.S., Naturalist to the Expedition. 2 vols. 8vo. London: 1878.]

The ornithological notes in this work are condensed from those which have already appeared in this Journal. The eggs of the Sanderling (*Calidris arenaria*) are figured. The game-list (vol. ii. p. 352) is of interest as showing the comparative numbers of the different birds suitable for food procured by the two vessels.

11. *Oustalet on the Ornithology of the Seychelles.*

[Étude sur la faune ornithologique des îles Seychelles, par M. E. Oustalet. Bull. Soc. Philomath. Paris, 1878, p. 161.]

This memoir is based on the collection made by M. de l'Isle, Naturalist of the French Transit Expedition of 1875, and on a large series of 595 specimens obtained by M. Lantz, Director of the Muscum of Réunion, and contains notes on 44 species represented in these two collections. Professor Newton's article (Ibis, 1867, p. 335) gave 43 species, of which some were doubtful. The 14 terrestrial species of the Seychelles are *all* peculiar to the archipelago, namely:—

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| 1. <i>Coracopsis barklyi</i> . | 8. <i>Tchitrea corvina</i> . |
| 2. <i>Palæornis wardi</i> . | 9. <i>Copsychus sechellarum</i> . |
| 3. <i>Tinnunculus gracilis</i> . | 10. <i>Hypsipetes crassirostris</i> . |
| 4. <i>Nectarinia dussumieri</i> . | 11. <i>Foudia sechellarum</i> . |
| 5. <i>Zosterops modesta</i> . | 12. <i>Funingus pulcherrimus</i> . |
| 6. — <i>semiflava</i> . | 13. <i>Turtur picturatus</i> . |
| 7. <i>Ellisia sechellensis</i> , | 14. — <i>rostratus</i> . |

Ellisia sechellensis, Oust., was the only new land-bird discovered by M. Lantz.

12. *Oustalet on the Female of Pitta ellioti.*

[Description de la femelle de la *Pitta ellioti*. Bull. Soc. Philomath. Paris, 1878, p. 206.]

Describes the female of *Pitta ellioti*, Oust. (Arch. d. Mus. vol. x. Bull. p. 101), from Camboja.

13. *Oustalet on South-American Pelicans.*

[Notice sur quelques Pélicans nouveaux ou peu connus de l'Amérique méridionale. Bull. Soc. Philomath. Paris, 1878, p. 208.]

Describes a Pelican from Ancon, in Peru, presented to the Paris Museum by M. Barbier, points out its difference from *P. molinæ*, and proposes for it the name *P. barbieri*, in case it should prove really distinct.

[Through Mr. Howard Saunders's kindness I have recently obtained a specimen of a Pelican from Iquique, in Peru, exactly answering to Dr. Oustalet's bird. I have no doubt that it is an adult example of *P. molinæ*.—O. S.]

14. *Owen on the Extinct Birds of New Zealand.*

[Memoirs on the Extinct Wingless Birds of New Zealand; with an Appendix on those of England, Australia, Newfoundland, Mauritius, and Rodriguez. By Richard Owen, C.B., F.R.S. 2 vols. 4to. London: 1879.]

This is a collection, in two volumes (one containing the letterpress, pp. 512, and the other the plates, 130), of the well-known memoirs that have appeared in the 'Transactions' of the Zoological Society of London from time to time since the year 1843. They treat principally of the various species of *Dinornis*; but those which relate to the kindred subjects of *Dromornis*, *Notornis*, *Didus*, and *Pezophaps* are also included.

15. *Ramsay on Edoliosoma schisticeps.*

[Description of a new Species of *Edoliosoma* from New Ireland, supposed to be the adult of *Ceblepyris schisticeps* (Hombr. et Jacq.). Proc. Linn. Soc. N. S. Wales, iii. p. 222.]

Gives descriptions of male, female, and young of this species from specimens in the Australian Museum, obtained at Duke-of-York Island by Rev. G. Brown and Mr. Cockerell.

16. *Ramsay on a new Pachycephala.*

[Description of a new Species of *Pachycephala* from the Gulf of Carpentaria. By E. P. Ramsay. *Ibid.* p. 224.]

The "new species" is *P. pallida*, nearly allied to *P. falcata* of Gould.

17. *Ramsay on a new Ianthœnas.*

[Description of a new Species of *Ianthœnas* from Duke-of-York Island. By E. P. Ramsay. *Ibid.* p. 248.]

Describes *I. pallidiceps*, like *I. metallica*, but having "the whole head and throat white."

18. *Ramsay on Birds from the New Hebrides.*

[Descriptions of three Species of Birds from the New Hebrides. By E. P. Ramsay. *Ibid.* p. 286.]

The species described are *Macropygia mackinlayi*, from the island of Tanna, *M. rufa*, from Sandwich Island, and *Chalcophaps chrysochlora*, var. *sandwichensis*, from the same island, from a collection made by Dr. Mackinlay during a recent visit to the New Hebrides.

19. *Reichenow on Foreign Cage-birds.*

[Vogelbilder aus fernen Zonen. Atlas der bei uns eingeführten ausländischen Vögel, mit erläuterndem Text. Allen Naturfreunden, insbesondere den Liebhabern ausländischer Stubenvögel und Besuchern zoologischer Gärten, gewidmet von Dr. Ant. Reichenow. Folio. Cassel: 1878.]

Of this illustrated work, the commencement of which was announced in our last number*, we have received the first part. It contains three plates, each with several figures of Parrots, and accompanying letterpress. The first two plates are devoted to American, the third to Australian species. The figures, although much reduced in size, are well coloured, and enable the specific characters to be recognized.

20. *Russ on Foreign Cage-birds.*

[Die fremdländischen Stubenvögel, ihre Naturgeschichte, Pflege und Zucht. Von Dr. Karl Russ. 8vo. Hannover: 1879.]

The first volume of Dr. Russ's exhaustive work on this subject is devoted to frugivorous birds, *i. e.* Fringillidæ, Ploceidæ, Alaudidæ, and Tanagridæ. An account is given of the numerous species of these families that have been introduced as cage-birds, including a description of the plumage, and details as to their history, habitat, and treatment in

* *Ibis*, 1878, p. 492.

captivity. The second volume will contain the insectivorous groups, and the third the Parrots. The work will be most useful, when complete, to the numerous keepers of cage-birds. Fourteen colour-printed plates illustrate 72 species.

21. *Russ on a new Parrot.*

[Eine wahrscheinlich bisher noch nicht beschriebene Papageienart. Von Dr. Carl Russ. Die gefiederte Welt, Jahrg. vii. p. 359 (29. Aug. 1878).]

Of six young Parrakeets of the genus *Palæornis* bought by Dr. Bodinus at the Antwerp sale in 1875, two came into Dr. Russ's collection. These have now attained maturity, and, though allied to the Blossom-headed Parrakeet (*P. cyanocephalus*), are regarded by Dr. Russ as belonging to an allied species, distinguishable both in the mature and immature dress, which Dr. Russ proposes to call *P. bodini*. The size is smaller; the sea-green neck-band is wanting; and the middle tail-feathers are not blue, but green. But is not this *P. rosa* (Bodd.)? Cf. Reichenow, Orn. Centrabl. iii. p. 182 (no. 23).

22. *Salvadori on new Species of Rectes.*

[Osservazioni intorno alla supposta identità specifica della *Rectes cirrhocephala* (Less.) e della *Rectes dichroa*, Bp., e descrizione di due nuove specie del genere *Rectes*, Rehb., per Tommaso Salvadori. Ann. Mus. Genov. xii. p. 471.]

The author shows, in opposition to the views of Dr. Meyer and Mr. Sharpe (Cat. B. iii. p. 284) that *Rectes dichrous* is not the adult form of *R. cirrhocephala* (lege *cirrocephalus*), but a distinct species. *Rectes decipiens* is proposed as the name for an intermediate form, from the southern shores of the Bay of Geelvink; and *R. holerythrus*, from Jobi (allied to *R. ferrugineus*), is described as new.

23. *Saunders on the Distribution of the Laridæ.*

[On the Geographical Distribution of the Gulls and Terns (Laridæ). By Howard Saunders, F.L.S., F.Z.S. Journ. Linn. Soc. (Zoology) xiv. p. 390.]

In this essay Mr. Howard Saunders enters at some length

into the geographical distribution of the Laridæ, of which about 109 species are recognized as distinct. Mr. Saunders takes each species in order, and gives a short account of its range. Some general remarks are added at the close, in which the conclusion is arrived at that the north Pacific is probably the "centre of dispersal" of the group. Mr. Saunders will pardon us for remarking that "Rhynchopinæ," not "Rhynchopsinæ," is the correct Latin derivative of "Rhynchops."

24. '*Stray Feathers*,' Vol. vi.

[*Stray Feathers*: a Journal of Ornithology for India and its Dependencies. Edited by Allan Hume. Vol. vi. Calcutta: 1878.]

Mr. Hume has devoted the whole of his sixth volume (524 pp.) to a "Revised List of the Birds of Tenasserim," prepared by himself from the notes of Mr. W. Davison, who, as we all know, has devoted for several years great attention to this subject, and has, as we are informed, collected upwards of 8000 specimens. The memoir is a most valuable one, Tenasserim having been previously one of the ornithologically least-known portions of British India. The list includes altogether 721 species, of which 580 have been obtained by Mr. Davison or by other correspondents of Mr. Hume. Mr. Davison's numerous field-notes are indicated by his initials attached. Mr. Hume gives descriptions of all the species not included in Jerdon's '*Birds of India*,' and critical remarks on synonymy, distribution, and other points.

A new genus (*Turdinulus*) is instituted (p. 235) for *Pnoepyga roberti* of Godwin-Austen and Walden (*Ibis*, 1875, p. 252).

As regards the remarks which Mr. Hume has been pleased to make (p. 278) on the Editors of this Journal, we have only to say that we took some trouble to do our best, in the matter referred to, to meet Mr. Hume's wishes, and much regret that he is not satisfied. Colonel Godwin-Austen is one of our leading authorities on Indian birds; and as the types to be compared were in his collection, it was not only natural, but even necessary to consult him on the subject. As regards

the much-vexed question of *Pellorneum tickelli*, we have given our unbiased and independent opinion, founded on our own personal comparison, viz. that "it is impossible" to decide the case from the descriptions, but that the *size* of the specimens seems to favour Mr. Hume's views. After this, it is a little hard that Mr. Hume should complain of his referees not having delivered judgment.

25. *Taczanowski on the Birds of Poland.*

[Liste des Vertébrés de Pologne, par L. Taczanowski. Bull. Soc. Zool. de France, 1877, p. 121.]

M. Taczanowski enumerates 304 species of birds in his list, and gives notes on the times and seasons of their occurrence. In his preliminary remarks is given an account of the previous literature on the subject.

IX.—*Letters, Announcements, &c.*

We have received the following letters, addressed to the Editors of 'The Ibis':—

Heligoland, September 28th, 1878.

SIRS,—It gives me much pleasure to inform you that the occurrence here of *Larus affinis* has very soon been followed by another still more interesting addition to the ornis of Heligoland, in the capture of a fine specimen of a *Phylloscopus* (shot here on the 25th inst. by my eldest son) greatly resembling *P. fuscatus*, but of a coloration tending more to greyish than buffish brown, the dark colour of the upper parts extending all round the fore part of the breast, or craw, as we describe it in German ornithological phraseology.

With the aid of Mr. Seebohm's paper on the *Phylloscopi* (Ibis, 1877, p. 66), I have been enabled to identify the above bird, *P. viridanus* being the only one of his eight *Acanthopneustæ* without the mesial line that it could be referred to, although the bill of my specimen is not to be called "*large*," being, in fact, not larger than that of *P. trochilus*. In all other measurements, however, in the colour of the upper